

What is claimed is:-

- suba) 1. An image sensing device having an array of image sensors and a filter structure disposed in relation to the image sensors, the filter structure comprising blocks of filter groups, each group having a combination of one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors with colour filtering, and one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors without colour filtering.
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- 10 2. An imaging device according to claim 1, wherein said one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors with colour filtering comprise two colour filters.
- 15 3. An imaging device according to claim 2, wherein the two colour filters are one each of red and blue filters.
4. An imaging device according to claim 1, wherein said one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors without colour filtering comprise four filterless areas.
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5. An imaging device according to claim 1, wherein said one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors without colour filtering comprise four non-colour filters.
- 25 6. An imaging device according to claim 1, wherein the arrangement of said areas in each block of filter groups in the filter structure comprises stripline formation of said respective areas.

7. An imaging device according to claim 1, wherein the image sensors are CMOS sensors.

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5 8. An imaging device according to claim 1, wherein said one or more areas adapted so as to allow light to pass therethrough onto corresponding image sensors without colour filtering include one or more colour filters disposed at least partially thereover.

10 9. An imaging device according to claim 8, wherein said one or more colour filters disposed over the one or more areas adapted to allow light to pass therethrough without colour filtering comprise colour filter strips.

15 10. An image sensing device according to claim 1, wherein said colour filtering areas are disposed centrally in the filter group and said areas without colour filtering are disposed in a generally square like configuration around the central colour filters.

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